INTERNATIONAL SEARCH REPORT

Intercental Application No PC1/JP2004/010249

| A. CLASS | SIFICATION OF SUBJECT MATTER H02M7/48 H02P7/00 PC010 | | | | | |
|--|---|---|-----------------------|--|--|--|
| 176 / | H02M7/48 H02P7/00 B60L9 | /18 H02P7/63 | | | | |
| According | to International Patent Classification (IPC) or to both national clas | officelian and IDO | | | | |
| B. FIELDS | SEARCHED | | | | | |
| Minimum d | ocumentation searched (classification system followed by classif | ication symbols) | | | | |
| 110 / | HOZH HOZP BOUL | • | | | | |
| Documenta | ation searched other than minimum documentation to the extent the | nat such documents are included in the fields of | | | | |
| | | are mended at the molde of | earched | | | |
| Electronic c | data base consulted during the international search (name of data | haco and where provided possess to | | | | |
| EPO-In | nternal, WPI Data, PAJ, INSPEC | i Dase and, where practical, search terms used | · · | | | |
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| C DOCUM | Pales - Allan | | • | | | |
| Category ° | ENTS CONSIDERED TO BE RELEVANT | | | | | |
| Category | Citation of document, with indication, where appropriate, of the | relevant passages | Relevant to claim No. | | | |
| X | US 6 060 859 A (JONOKUCHI HIDE 9 May 2000 (2000-05-09) column 2, line 13 - line 27 | 1-5 | | | | |
| | claim 11 figure 1 | | | | | |
| A | PATENT ABSTRACTS OF JAPAN vol. 2000, no. 14, | | 1-5 | | | |
| | 5 March 2001 (2001-03-05) & JP 2000 333465 A (MATSUSHITA IND CO LTD), 30 November 2000 (cited in the application | ELECTRIC 2000-11-30) | · | | | |
| į | abstract | | | | | |
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| Furth | er documents are listed in the continuation of box C. | Tell source in the second | | | | |
| | egories of cited documents : | X Patent family members are listed in | n annex, | | | |
| "A" documer | nt defining the general state of the particular. | "T" later document published after the inter | national filing date | | | |
| 00113106 | aren to ne or barticular felevance | or priority date and not in conflict with to cited to understand the principle or the invention | | | | |
| 19 46 | | "X" document of particular relevance: the al | almost to the | | | |
| | which is cited to establish the publication date of earthers | | | | | |
| "O" documer | nt referring to an oral disclosure, use, exhibition or | cannot be considered to involve as involve | aimed invention | | | |
| "P" documen | nt published prior to the international stilling day | document is combined with one or more ments, such combination being obviou in the art. | | | | |
| | and the priority date claimed | "&" document member of the same patent for | | | | |
| | ctual completion of the International search | Date of mailing of the international search | | | | |
| 16 | November 2004 | 10/11/0004 | | | | |
| Name and mailing address of the ISA | | 19/11/2004 Authorized officer | | | | |
| | European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk | January Sings, | | | | |
| Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016 | | Roider, A | | | | |

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Information on patent family members

| International Application No | | | |
|------------------------------|--|--|--|
| I /JP2004/010249 | | | |

| İ | Patent document | | Dublingto | 191/0/2004/010249 | | |
|---|------------------------|---|---------------------|-------------------|-------------------------|---------------------|
| | cited in search report | | Publication date | | Patent family member(s) | Publication date |
| | US 6060859 | Α | 09-05-2000 | JP | 11113283 A | 23-04-1999 |
| | JP 2000333465 | Α | 30-11-2000 | NONE | | |
| 1 | | | | | | |

Form PCT/ISA/210 (patent family annex) (January 2004)